

Notice of Allowability

Application No.

10/714,707

Applicant(s)

FISLER, CHARLES F.

Examiner

Minh D. A

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/19/06.
2. ☒ The allowed claim(s) is/are 1-10, 12-14, 23, 24, 26, 30, 32-39 and 49-60.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Shih-Chao Chen
SHIH-CHAO CHEN
PRIMARY EXAMINER

Allowable Subject Matter

1. Claims 1-10, 12-14, 23-24, 26, 30, 32-39, 49-60 are allowed.

The following is an examiner's statement of reasons for allowance:

Prior art does not teach that, an energy input port; a current limiter coupled to the input port; a strobe circuit coupled to the current limiter with the current limiter responsive to a strobe circuit flash condition to reduce a post-flash peak current draw of the strobe circuit below a pre-selected value recited in independent claim 1.

Prior art does not teach that, an energy input port; a current limiter coupled to the input port; a strobe circuit coupled to the current limiter with the current limiter responsive to a strobe circuit flash condition to reduce a post-flash peak current draw of the strobe circuit below a settable post-flash corresponding peak current value and which includes a control input port for varying at least one parameter of the current limiter in accordance with a selected visual output parameter to thereby set the post-flash peak current value recited in independent claim 2.

Prior art does not teach that, an energy input port; a current limiter coupled to the input port; a strobe circuit coupled to the current limiter with the current limiter responsive to a strobe circuit flash condition to reduce a post-flash peak current draw of the strobe circuit below a selected, variable peak current value and which includes a manual adjustment element coupled to the current limiter, and, to the strobe circuit, the adjustment element varying both a current limiting parameter of the current limiter, and a visual output parameter of the

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strobe circuit to thereby select a respective post-flash peak current value recited in independent claim 10.

Prior art does not teach that, a plurality of visual output devices, each of the devices includes a control element, the control element includes a programmed processor that is one of, mechanically or electrically settable, the control element limits a peak current draw of the respective device in accordance with a selected one of a plurality of output illumination parameters; and a switchable source of electrical energy to power the devices recited in independent claim 23.

Prior art does not teach that, a current limiting circuit, coupled to the control circuit, to limit a post-illumination maximum current draw as a function of a selectable output illumination parameter; and circuitry which includes a programmed processor to adjust the current limiting circuit in response to selecting one of a plurality of illumination parameters recited in independent claim 30

Prior art does not teach that, a visual output element; a source of energy to illuminate the element; a control circuit coupled to the source of energy; and a current limiting circuit, coupled to the control circuit, to limit maximum current draw as a function of a selectable output illumination parameter and which includes a current sensor coupled to a comparator, the comparator establishing at least one peak current value recited in independent claim 37.

Prior art does not teach that, a plurality of visual output devices, each of the devices includes a control element which is one of, mechanically movable or

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electrically settable, to limit a peak current draw of the respective device in accordance with a selected one of a plurality of output illumination parameters; and a switchable source of electrical energy to power the devices; where the control element in each of the devices limits a peak repetitive current draw in accordance with a setting thereof in combination with all limitations recited in independent claim 58.

The remaining dependent claims 3-9, 12-14, 24, 26, 32-36, 38-39, 49-60 are allowable for at least above reason.

Prior art made of record and not relied upon is considered pertinent to applicant's disclosure. None of record prior arts stands alone or combination with the others discloses all limitations required in claim invention.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Has et al (US 6,242,872) and Ha et al. (US 6,049,446) are cited to show alarm system.

Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Minh Dieu A whose telephone number is (571) 272-1817. The examiner can normally be reached on M-F

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(5:30 AM-2:45 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Owens Douglas W can be reached on (571) 272-1662. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Examiner

Minh A

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3/19/07

Shih-Chao Chen
SHIH-CHAO CHEN
PRIMARY EXAMINER